

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method for facilitating the removal of the residue regions for use in a system for constructing a three-dimensional object by selective attachment of a plurality of sheets of flexible material, each sheet being cut along at least one contour line so as to subdivide the sheet into at least one object forming region corresponding to the shape of a layer of the object bounded by a corresponding contour of the object and at least one residue region not required in the constructed object, at least part of each object forming region being attached to object forming regions of adjacent layers, the method comprising producing selective attachment of at least part of a plurality of the residue regions to the residue regions of adjacent sheets in such a manner as to form, from at least part of the residue regions of a plurality of the sheets, a plurality of residue elements non-rigidly interconnected in a generally Z-fold arrangement such that manual removal of each of said residue elements from the sheet leaves the object portion of the sheet in place and initiates removal of a subsequent one of said residue elements from the subsequent sheet leaving the object portion of the subsequent sheet in place.

2. (Original) The method of claim 1, further comprising selectively cutting a plurality of the residue regions of at least some of the sheets along at least one separation line.

3. (Original) The method of claim 02, wherein said separation lines and said selective attachment are configured such that said residue elements circumscribe a residue block such that, after removal of said residue elements, said residue block is readily removable.

4. (Original) The method of claim 1, wherein each one of at least a group, herein referred to as a first group, of said residue elements assumes a generally flat form extending substantially parallel to the sheets.

5. (Original) The method of claim 4, wherein said selective attachment is configured such that each one of said first group of residue elements is formed from a plurality of the residue regions attached to each other over a major part of their area.

6. (Canceled)

7. (Original) The method of claim 4, wherein said selective attachment is configured such that adjacent ones of said first group of residue elements are interconnected over no more than a third of their area of overlap.

8. (Canceled)

9. (Canceled)

10. (Canceled)

11. (Original) The method of claim 1, further comprising selectively cutting a plurality of the residue regions of at least some of the sheets along at least one separation line, and wherein each one of at least a group, herein referred to as a second group, of said residue elements assumes a generally flat form extending substantially perpendicular to the sheets.

12. (Canceled)

13. (Original) The method of claim 11, wherein said selective attachment is configured such that adjacent ones of said second group of residue elements are interconnected over no more than a third of their area of overlap.

14. (Canceled)

15. (Canceled)

16. (Canceled)

17. (Canceled)

18. (Currently Amended) A method for facilitating the removal of the residue regions for use in a system for constructing a three-dimensional object by selective attachment of a plurality of sheets of flexible material, each sheet being cut along at least one contour line so as to subdivide the sheet into at least one object forming region corresponding to the shape of a layer of the object bounded by a corresponding contour of the object and at least one residue region not required in the constructed object, at least part of each object forming region being attached to object forming regions of adjacent layers, the method comprising:

selectively cutting a plurality of the residue regions of at least some of the sheets along at least one separation line; and

producing selective attachment of at least part of a plurality of the residue regions to the residue regions of adjacent sheets,

said separation lines and said selective attachment being configured in such a manner as to form, from at least part of the residue regions of a plurality of the sheets, a plurality of residue elements non-rigidly interconnected in a generally Z-fold arrangement such that manual removal of each of said residue elements from the sheet leaves the object portion of the sheet in place and initiates removal of a subsequent one of said residue elements from the subsequent sheet leaving the object portion of the subsequent sheet in place interconnected

Appl. No. 10/611,900
Amdt. dated 25 FEB 2005
Reply to Office action of 29 SEPT 2004

~~such that manual removal of each of said residue elements initiates removal of
a subsequent one of said residue elements.~~

19. (Canceled)

20. (Canceled)